RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: *09/065,330*

Source:

Date Processed by STIC: *1/28/04*

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: *09/065,330C*

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 ✓ **Wrapped Nucleics** The number/text at the end of each line "wrapped" down to the next line. This may occur if your file
Wrapped Aminos was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

2 ____**Invalid Line Length** The rules require that a line not exceed 72 characters in length. This includes white spaces.

3 ____**Misaligned Amino** The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers;
Numbering use space characters, instead.

4 ____**Non-ASCII** The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please
ensure your subsequent submission is saved in ASCII text.

5 ____**Variable Length** Sequence(s)____contain n's or Xaa's representing more than one residue. Per Sequence Rules,
each n or Xaa can only represent a single residue. Please present the maximum number of each
residue having variable length and indicate in the <220>-<223> section that some may be missing.

6 ____**PatentIn 2.0** A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
"bug" sequences(s) _____. Normally, PatentIn would automatically generate this section from the
previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to
the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for
Artificial or Unknown sequences.**

7 ____**Skipped Sequences** Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
(OLD RULES) (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i)   SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8 ____**Skipped Sequences** Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
(NEW RULES) <210> sequence id number
<400> sequence id number
000

9 ____**Use of n's or Xaa's** Use of n's and/or Xaa's have been detected in the Sequence Listing.
(NEW RULES) Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10 ____**Invalid <213>** Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or
Response scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or
is Artificial Sequence

11 ____**Use of <220>** Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or
"Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32)   (Sec. 1.823 of Sequence Rules)

12 ____**PatentIn 2.0** Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,
"bug" resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence
listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

13 ____**Misuse of n/Xaa** "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid

AMC – Biotechnology Systems Branch – 09/09/2003

IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/09/065,330C**

DATE: 01/28/2004
TIME: 07:24:36

Input Set : **A:\PTO.YF.txt**
Output Set: **N:\CRF4\01282004\I065330C.raw**

```
 2 <110> APPLICANT: Walker, Ameae M.
 4 <120> TITLE OF INVENTION: PROLACTIN ANTAGONISTS AND USES THEREOF
 6 <130> FILE REFERENCE: 39754-0611-1CP1CP
 8 <140> CURRENT APPLICATION NUMBER: 09/065,330C
 9 <141> CURRENT FILING DATE: 1998-04-23
11 <150> PRIOR APPLICATION NUMBER: PCT/US97/01435
12 <151> PRIOR FILING DATE: 1997-01-30
14 <150> PRIOR APPLICATION NUMBER: 08/594,809
15 <151> PRIOR FILING DATE: 1996-01-31
17 <160> NUMBER OF SEQ ID NOS: 6
19 <170> SOFTWARE: PatentIn Ver. 2.1
```

Does Not Comply
Corrected Diskette Needed
(PS. 1-4)

ERRORED SEQUENCES

```
47 <210> SEQ ID NO: 2
48 <211> LENGTH: 228
49 <212> TYPE: PRT
50 <213> ORGANISM: Homo sapiens
52 <220> FEATURE:
53 <221> NAME/KEY: VARIANT
54 <222> LOCATION: (208)
55 <223> OTHER INFORMATION: Site mutated amino acid residue where the normal codon coding
for serine
56      is modified preferably
57      to encode for aspartate or glutamate, most preferably aspartate.
```

E--> 59 (<400> SEQUENCE:) *- Please insert a response*
```
       60 Asn Met Asn Ile Lys Gly Ser Pro Trp Lys Gly Ser Leu
E-->   61    Leu Leu Leu
E-->   62 1      5        10
E-->   63    15
       66 Leu Val Ser Asn Leu Leu Leu Cys Gln Ser Val Ala Pro
E-->   67    Leu Pro Ile
E-->   68      20      25      30
       72 Cys Pro Gly Gly Ala Ala Arg Cys Gln Val Thr Leu Arg
E-->   73    Asp Leu Phe
E-->   74     35      40      45
       78 Asp Arg Ala Val Val Leu Ser His Tyr Ile His Asn Leu
E-->   79    Ser Ser Glu
E-->   80    50      55      60
       84 Met Phe Ser Glu Phe Asp Lys Arg Tyr Thr His Gly Arg
E-->   85    Gly Phe Ile
E-->   86 65      70      75
E-->   87    80
```

RAW SEQUENCE LISTING   DATE: 01/28/2004
PATENT APPLICATION: US/09/065,330C   TIME: 07:24:36

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```
       90 Thr Lys Ala Ile Asn Ser Cys His Thr Ser Ser Leu Ala
E--> 91    Thr Pro Glu
E--> 92       85      90
E--> 93    95
       96 Asp Lys Glu Gln Ala Gln Gln Met Asn Gln Lys Asp Phe
E--> 97    Leu Ser Leu
E--> 98       100     105
E--> 99  110
      102 Ile Val Ser Ile Leu Arg Ser Trp Asn Glu Pro Leu Tyr
E--> 103   His Leu Val
E--> 104      115     120     125
      108 Thr Glu Val Arg Gly Met Gln Glu Ala Pro Glu Ala Ile
E--> 109   Leu Ser Lys
E--> 110   130     135     140
      114 Ala Val Glu Ile Glu Glu Gln Thr Lys Arg Leu Leu Glu
E--> 115   Gly Met Glu
E--> 116 145     150     155
E--> 117   160
      120 Leu Ile Val Ser Gln Val His Pro Glu Thr Lys Glu Asn
E--> 121   Glu Ile Tyr
E--> 122      165     170
E--> 123   175
      126 Pro Val Trp Ser Gly Leu Pro Ser Leu Gln Met Ala Asp
E--> 127   Glu Glu Ser
E--> 128      180     185
E--> 129   190
      132 Arg Leu Ser Ala Tyr Tyr Asn Leu Leu His Cys Leu Arg
E--> 133   Arg Asp Xaa
E--> 134      195     200     205
      138 His Lys Ile Asp Asn Tyr Leu Lys Leu Leu Lys Cys Arg
E--> 139   Ile Ile His
E--> 140   210     215     220
      144 Asn Asn Asn Cys
E--> 146 225
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 01/28/2004
PATENT APPLICATION: **US/09/065,330C**   TIME: 07:24:37

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Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 29

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/065,330C**

DATE: 01/28/2004
TIME: 07:24:37

Input Set : **A:\PTO.YF.txt**
Output Set: **N:\CRF4\01282004\I065330C.raw**

```
L:42 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:600
L:59 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:2 differs:1
L:61 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:0
M:332 Repeated in SeqNo=2
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:0 after pos.:205
L:174 M:283 W: Missing Blank Line separator, <400> field identifier
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
```